

Notice of Allowability

Application No.

10/735,446

Examiner

Jared W. Newton

Applicant(s)

YOON ET AL.

Art Unit

3692

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendments filed 11 December 2007.
2. ☒ The allowed claim(s) is/are 1-6, 9, 18-29 and 33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Independent claim 1 is allowed over the prior art because it requires a mounting fixture (see FIG. 1) in combination with a bracket (see FIG. 7). The combination's intended use is to mount a component to a rack, by attaching the fixture to a rack frame (see FIG. 6). The fixture comprises two hinged plates; one of said plates attaches directly to the rack frame and has a flange projecting from its end. The flange includes a hole and a locking mechanism that retracts/extends manually and axially through the hole. The other said plate is attached to the component (see FIG. 6). The bracket is attached to the component, and contains a hole, which the locking mechanism engages (see FIG. 6) to hold the component in place. When the locking mechanism is disengaged from the bracket hole, the component swings freely.

Independent claim 18 is allowed over the prior art because it requires in combination: a mounting fixture, a component and a rack (see FIG. 8). The mounting fixture mounts the component to the rack, and the mounting fixture has features as set forth above with regard to the allowability of independent claim 1. The rack, as shown in Figure 8, contains four supports 30, which define an "interior region" of the rack (see Remarks, 22 Feb. 2007, page 24, first full paragraph). The interior region includes both "first portions for freely accessing the components," and "second portions defining an area of limited access which is at least partially blocked by the supports of the rack" (claim 18, lines 7-10). Claim 18 is directed to two specific orientations of the component with respect to the rack, wherein the orientations are achieved by the position of the

mounting fixture, and defined by the first and second portions of the rack's interior region. In the first orientation, both the component and the second plate of the mounting fixture are located in the "second portions" of the interior region, and thus are blocked by rack support 30—the front of the rack is shown near reference number 47 in Figure 8, and thus a person, when facing the front of the rack would have limited access to the component, because it is positioned behind rack support 30. In the second orientation, both the component and the second plate rotate to a "first portion" of the interior region of the rack (see FIG. 6). In the second orientation, a person has more access to the component.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

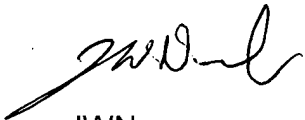
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jared W. Newton whose telephone number is (571) 272-2952. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Kramer can be reached on (571) 272-6783. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

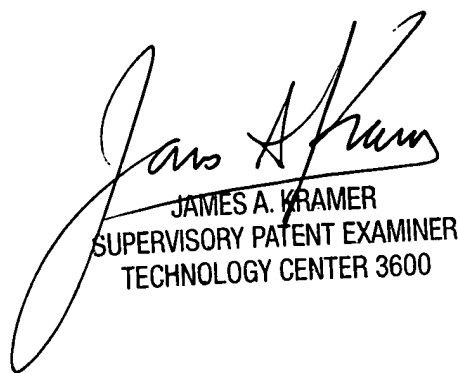
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JWN
December 31, 2007



JAMES A. KRAMER
SUPERVISORY PATENT EXAMINER
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